

Multimodal Transportation Program Overview



Multimodal Solutions

Issues

- Increasing needs on the highway system
- Increasing need for alternative transportation for older lowans
- Increasing need to provide access to jobs for lower income lowans
- Increasing air pollution in Iowa
- Growing volume of greenhouse gas emissions



Multimodal Solutions

Solutions

- To meet Iowa's current and future transportation demands requires an accessible and safe multimodal transportation system.



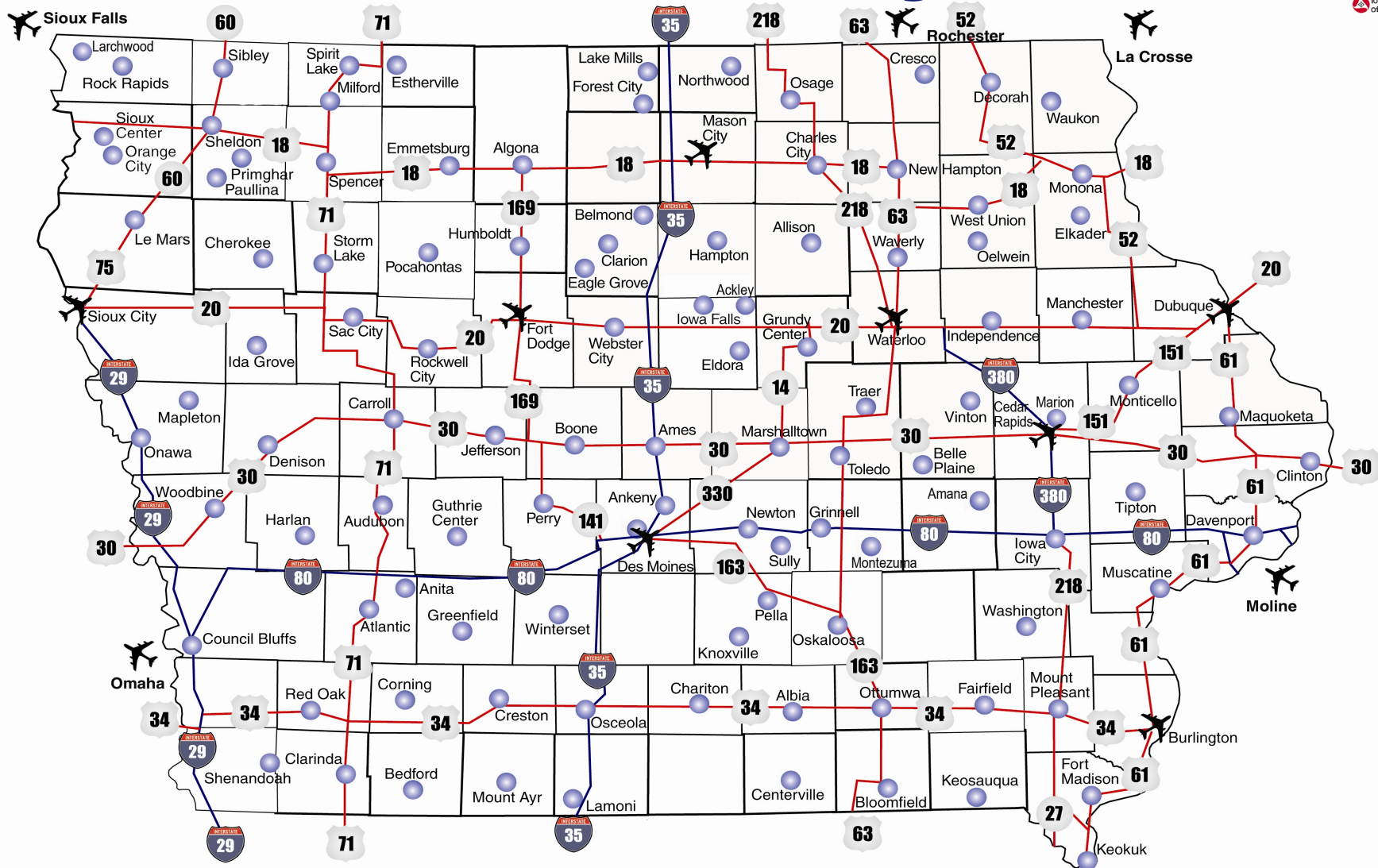
Multimodal Solutions

Aviation



Multimodal Solutions

Iowa Aviation System



 **Commercial Service Airports**

 **General Aviation Airports**

Aviation in Iowa: Key Stats

- 6,800 pilots
- 3,800 aircraft
- 111 locally owned public airports
 - Eight commercial airports
 - 60+ fix based operators offering public service

Annually

- 1.3M annual aircraft operations
- 2.5M Iowa-generated commercial service boardings
- 4M acres treated by air
- 4,000 medical missions
- 250 million pounds cargo

Needs

- Vertical Infrastructure
 - 13 general aviation projects unfunded (\$2.9 million) in FY 2009
 - 27 percent of enhanced general aviation airports have inadequate hangar capacity
 - Continued need for renovations and enhancements for terminal and other buildings at commercial service airports
 - Most terminals were built in the 1950's and 1960's

Needs (Continued)

- Airside Programs
 - Continued funding of critical aviation safety programs and airside projects
 - Weather reporting
 - Windsocks
 - Runway markings
 - Pavement management
 - Pilot safety programs
 - Planning studies
 - System planning and obstruction analysis
 - Infrastructure renovation and enhancements
 - Air service development

Aviation Program Recommendations

- Vertical infrastructure funding
 - Maintain \$1.5M for commercial airports
 - Increase to \$1.5M for general aviation airports

Freight Rail



Multimodal Solutions

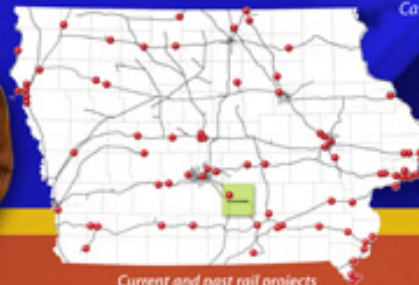
Could businesses and your community *benefit from rail access?*



“Our company, Cascade Manufacturing Company, has expanded to a new location in Pleasantville. A rail siding, constructed with the help of the Railroad Revolving Loan and Grant Program, serves the facility.”

“Access to rail transportation at our new plant means reduced raw material transportation costs, which benefits our company, our customers and the community. The expansion will create 50 new jobs over the next few years. The rail connection will help us be more competitive and reach a wider market. An added benefit is a reduction in highway truck traffic, emissions and fuel consumption.”

- Ray Noonan, President
Cascade Manufacturing Company



Current and past rail projects

Businesses and communities now
more than ever need rail connections.
Help meet these needs.



Support the Railroad Revolving Loan and Grant Program

Rail Revolving Loan and Grant Program (RRLGP)

- Rail access for new, relocating or expanding business
- Rail line rehabilitation
- Flood recovery (\$3.9 million in 2008)

Rail Revolving Loan and Grant Program (RRLGP)

Benefits of access to rail connections

- Businesses** can lower costs, reach new markets, be more profitable and grow
- Communities** can spur job growth and development
- Railroads** gain new customers and higher revenues leading to increased investment capacity to improve Iowa's rail system
- Iowa** boosts its economy and extends the reach of Iowa's goods

Rail Revolving Loan and Grant Program (RRLGP)

APPLICATIONS

- 57 applications
- \$34.2 million requested
- \$24 million in unmet project need

AWARDS

- 25 awards
- \$9.6 million total awards
- 1,175 new jobs assisted
- \$1.4 billion in total private capital investment

Rail Revolving Loan and Grant Program (RRLGP) Recommendation

State Funding Need – \$3 million

- Provide sustainable funding
- Replenish fund after flood recovery



**Invest \$3
million to
grow Iowa's
economy**

Passenger Rail



Multimodal Solutions

Plans for Passenger Rail

Plans for Rail Service in Iowa

- Existing Amtrak routes
- Proposed routes (Iowa City and Dubuque)
- Routes currently under study (Des Moines and Waterloo)



Benefits of Intercity Passenger Rail

- Sustainable transportation (energy efficient and low in emissions)
- Economic vitality (jobs, travel options, recruitment)
- Quality of life (comfortable travel, option for those who don't or choose not to fly or drive)
- Efficiency (speedy boarding & ability to use time in transit productively)
- Passenger rail improvements benefit host freight rail lines

Intercity Passenger Rail

- Growing need and support by Iowans
- Federal funding program
 - **Amtrak Funding – H.R. 2095**
Includes \$1.9 Billion for State Capital Grant Program
 - **Economic Stimulus**
House proposal includes \$1.1 billion for passenger rail (\$300 million grants to states for intercity passenger rail)
- Amtrak feasibility studies show promising results

Passenger Rail Recommendation

State Funding Needs

\$ 3 million annually

- Sustainable funding
- Required to match federal funding for infrastructure improvements
- Required to bridge gap between ticket revenues and expenses



***Invest
\$3 million
annually to
incrementally
grow intercity
passenger
rail***

Bike/Pedestrian Trails



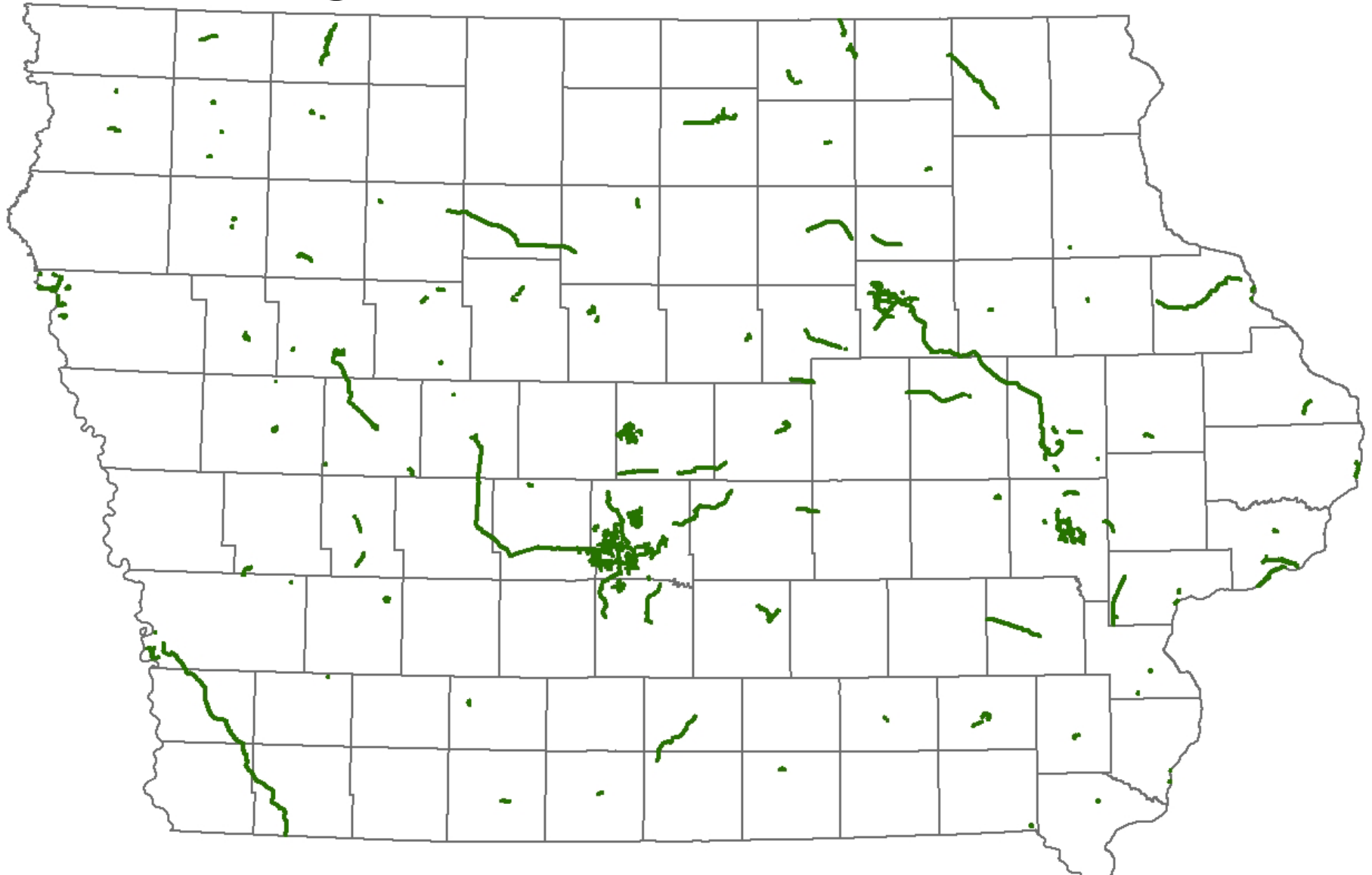
Multimodal Solutions

State Recreational Trails Program

- Created in 1988
- Purpose: Establish recreational trails in Iowa for the use, enjoyment and participation of the public
- Available to cities, counties, state agencies or non-profit organizations through an application program
- Administered by Department of Transportation



Existing Trails



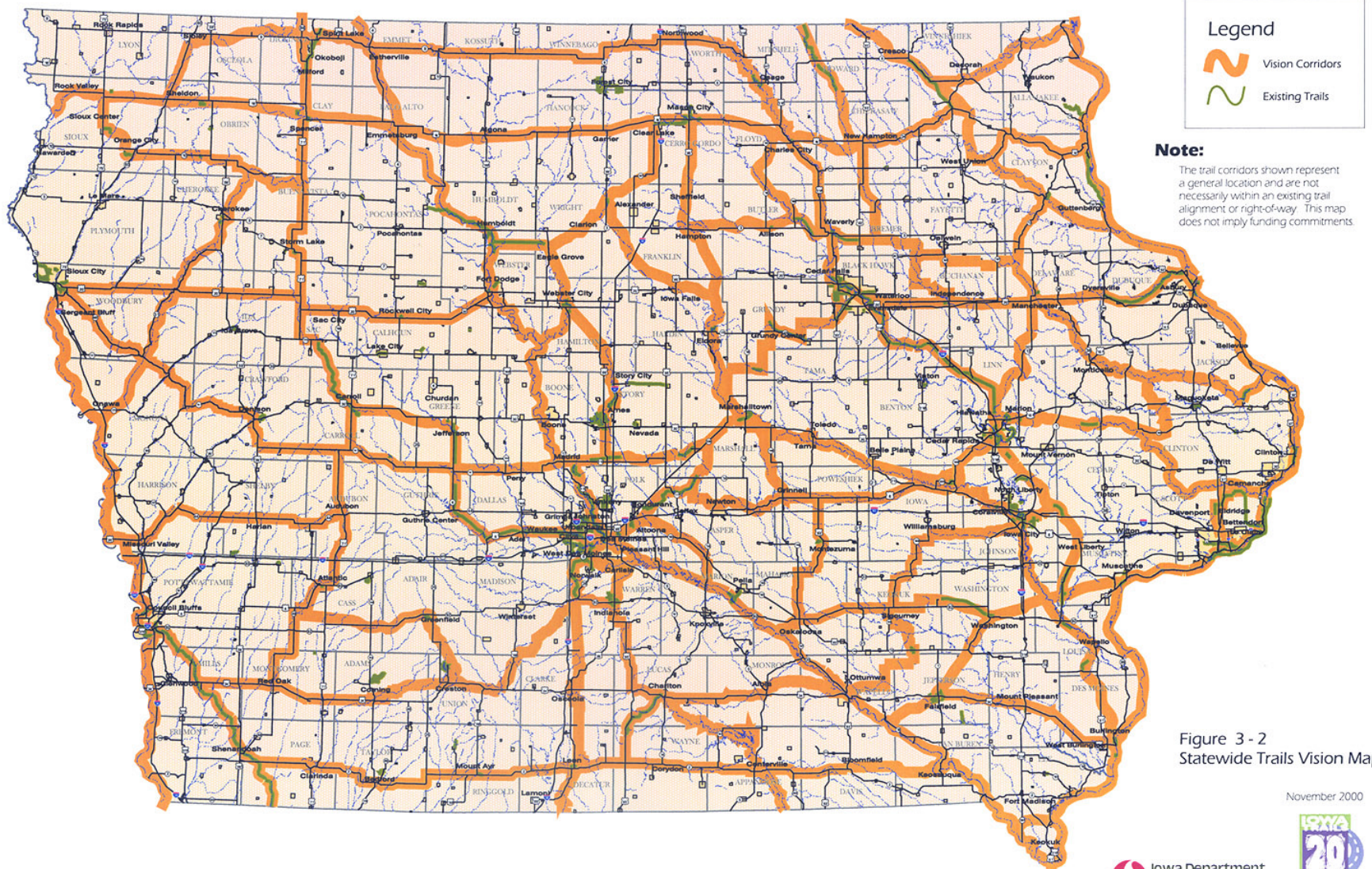


Figure 3 - 2
Statewide Trails Vision Map

November 2000

Iowa Department
of Transportation



Trail Needs

- Existing Trails
 - Approximately \$4 million per year to rehabilitate existing paved trails
 - Approximately \$2 million per year to pave granular trails
- Trails Vision
 - \$300 million to \$470 million total cost
- Statewide Trail System
 - Approximately \$7 million per year to develop and rehabilitate
 - Mississippi River Trail
 - Lewis & Clark Trail
 - American Discovery Trail
 - Central Iowa Trail Loop
 - Iowa Great Lakes Connection



State Recreational Trails

- Funding recommendation: \$3 million

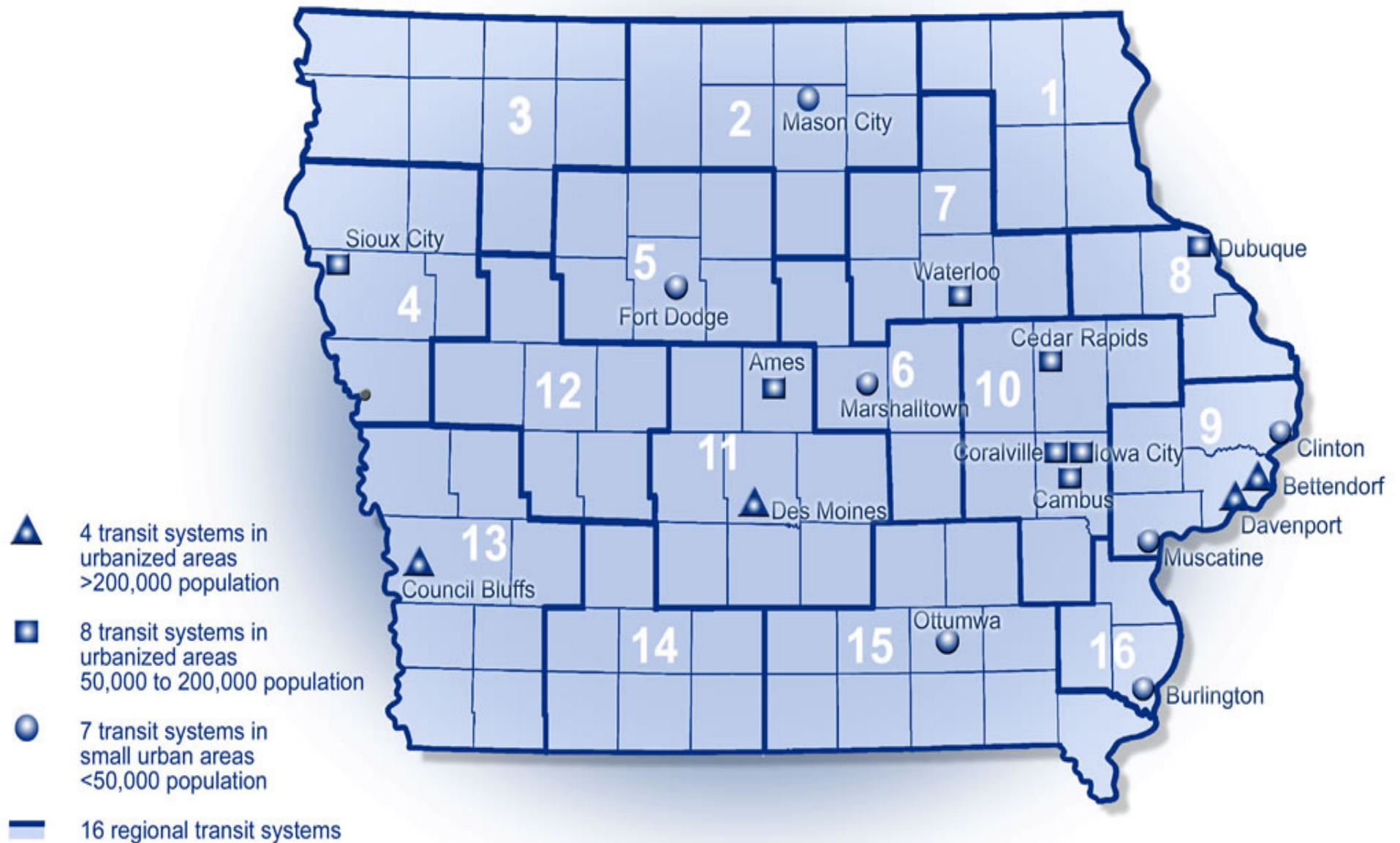


Public Transit



Multimodal Solutions

Large Urban, Small Urban, and Regional Transit Systems



Industry Overview

- 12 large urban transit systems
 - 646 buses (heavy-duty av.\$400,000 each)
 - 11.2 million revenue miles/year
 - 18.7 million rides/year
- 16 regional transit systems
 - 900 buses (light-duty av. \$70,000 each)
 - 12.7 million revenue miles/year
 - 3.4 million rides/year

Industry Overview (cont'd)

- Small urban transit systems
 - 96 buses (mix of heavy-duty & light-duty)
 - 1.8 million revenue miles/year
 - 1.5 million rides/year

Public Transit Issues

- Providing transportation alternatives for older lowans
- Giving low income lowans access to jobs
- Allowing persons with disabilities the opportunity to connect with their communities
- Assisting growing numbers of lowans who choose to use alternative transportation to reduce their carbon footprint and economize

Public Transit Needs

- Replacement vehicles - 56% of Iowa transit vehicles exceed federal useful life standards
- Expansion vehicles – Expansion happening only with older, already replaced vehicles
- Facility Improvements – Half of regional systems have no facility to house and maintain fleet / many existing facilities need updating & expansion
- Increased services – Demand is up, but operating funds have been declining

Public Transit Recommendations

- Continue \$2.2 million investment level for transit infrastructure under Public Transit Infrastructure Grant program started in FY07
- \$1.0 million to fund innovative approaches to reduce single-occupancy automobile usage